

KOTAS, Jan; KOLAR, Vladimir

Pulmonary manifestations in leukemia. Cesk. rentg. 14 no.3:  
162-169 Je '60.

1. Onkologický ústav v Brně, reditel doc. dr. Jan Sprindřich.  
(LEUKEMIA radiogr.)  
(LUNGS radiogr.)

KOLAR, V.

Buthiopurin in the treatment of myelogenic leukaemia. Neoplasma 9  
no.1:85-91 '62.

1. Institute of Oncology, Brno, CSSR.

(LEUKEMIA MYELOCYTIC ther)  
(MERCAPTOPURINE related compounds)

MECHL, Z.; KOLAR, VJ.

Puncture of the prostate in advanced stages of prostatic cancer. Neoplasma 10 no.3:303-307 '63.

1. Onkologisches Institut Brunn, CSSR.  
(PROSTATIC NEOPLASMS) (BIOPSY)

L 34659-66 EWT(1) GW

ACC NR: AP6025814

SOURCE CODE: CZ/0024/65/000/008/0200/0202

AUTHOR: Kolar, Vladimir--Kolarsh, V. (Engineer)

ORG: Institute of Geodesy and Cartography, Ceske Budejovice (Ustav geodezie a kartografie)

TITLE: Use of air photographs for maintenance of a real estate register

SOURCE: Geodeticky i kartograficky obzor, no. 8, 1965, 200-202

TOPIC TAGS: geodetic survey, aerial photograph, mapping, map

ABSTRACT: The article presents a method of application of aerial photography to the maintenance of a real estate register and points out its advantages over previously used geodetic methods and that the maps obtained are superior in quality and completeness. Orig. art. has: 1 figure. [JPRS: 32,859]

SUB CODE: 14, 08 / SUBM DATE: none

Cord 1/1

UDC: 528.74:528.96:347.235.11(437)"1964/-"

KOLAR, Ya., [Kolar, J.], dotsent; BABITSKIY, A., [Babicky, A.], kand.  
biolog. nauk; KASLOVA, Ya., [Kaslova, J.], kand. med. nauk;  
KASL, Ya., [Kasl, J.], kand. med. nauk

Effect of ultrasonic waves on the mineral metabolism of the  
bones. Ortop., travm. i protez. 26 no.8:43-51 Ag '65.

(MIRA 18:9)

1. Iz radiologicheskoy kliniki Karlova universiteta, izotopnykh  
laboratoriy biologicheskikh institutov Chekhoslovatskoy akademii  
nauk i Odontologicheskogo instituta, Praga. Adres Kolara: Praga 2,  
Radiologicheskaya klinika, vo 2-oy bol'nitse.

KOLAR, Z.; ZILIC, S.

Comparison between measured and calculated values of gamma rays absorption on lead nitrate solutions. Croat chem acta 34 no.2:103-107 '62.

1. Department of Radiochemistry, Institute "Ruder Boskovic" and Department of Radiochemistry, Faculty of Technology, University of Zagreb, Zagreb, Croatia, Yugoslavia.

KOLAR, Z.; STROHAL, P.; CINDRO, N.

Measuring the reaction impact cross sections by the activation method; abstract. Glas Hem-dr 27 no.9/10:505 '64

Determining the ratio of impact cross sections for nuclear isomers; abstract. Ibid:506-507

1. The Ruder Boskovic Institute, Department of Radiochemistry and Department of Nuclear Physics II, Zagreb.

KOLAR, Z.

"New trends in the mechanized harvesting of forage crops. I. (To be contd.)"

p. 120 (Zemedske Stroje) Vol. 2, no. 6, June 1957  
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958



KOLAR, Z.

"New trends in the mechanized harvesting of forage crops. II."

p. 147 (Zemedelske Stroje) Vol. 2, no. 8, July 1957  
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

KOLAR, Z.; DOUDA, M.

"Agricultural machinery at the Vienna Fair."

p. 12 (Zemelske Stroje, Vol. 3, no. 1, Jan. 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (KEAI) LC, Vol. 7, no. 9,  
September 1958

KOLAR, Z.

"New trends in the development of grain harvesting."

MECHANISACE ZEMEDLSTVI, Praha, Czechoslovakia, Vol. 9, No. 7, July 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

KOLAR, Zd.

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: DVM

Department of Parasitology, Veterinary Faculty, Graduate School of Agriculture  
Affiliation: (Katedra parazitologie veterinarni fakulty VSZ /Vysoke skole zemedelske/Brno

Source: Prague, Veterinarstvi, Vol 11, No 9, Sept 1961; pp 333-334

Data: "Ticks in Hunting and other Field Work Dogs"

✓ DYK, V.  
KOLAR, Zd.

GPO 961643

KOLAR, Z.; DEZELIC, GJ.; RANDIC, M.; TRINAJSTIC, N.; SEKE, V.

Book reviews. Croat chem acta 35 no.4:315-319 '63.

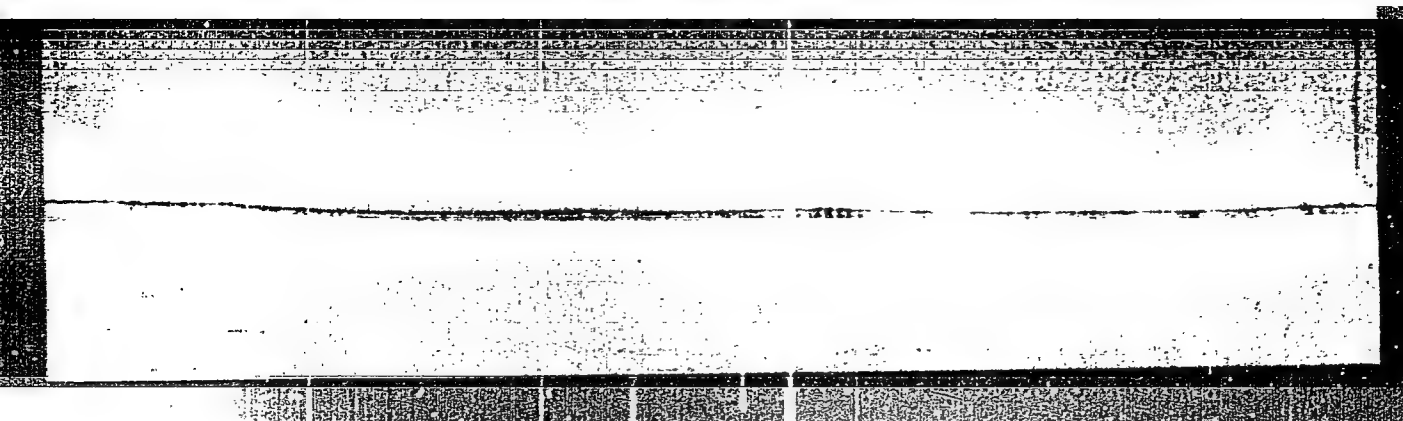
1. Clan Redakcionog odbora, "Croatica Chemica Acta" (for Randic).

KALAREVA, N. A.

1946. Electrocardiograms in certain : stable changes in heart

**"APPROVED FOR RELEASE: 06/19/2000**

**CIA-RDP86-00513R000723720006-4**



**APPROVED FOR RELEASE: 06/19/2000**

**CIA-RDP86-00513R000723720006-4"**

KOLARIC, D.

Electric welding of gray cast iron by local heating. Zavarivanje  
6 no.1:19-20 Ja '63.

1. Podruznica Društva tehnike zavarivanja Hrvatske, Karlovac.



KOLARIC, J.

Development of synthetic fibers. p. 21.  
TEKSTIL, Zagreb, Vol. 4, no. 1, Jan. 1955.

SO: Monthly List of East European Accessions, (BEAL), LC, Vol. 4, no. 10, Oct. 1955,  
Uncl.

KOLARIC, J.

KOLARIC, J.

Auxiliary textile detergents Ivopon I and Ivopon II compared with some foreign products. p. 736.

Vol. 4, no. 7, July 1955 TEKSTIL Zagreb, Yugoslavia

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 3  
March, 1956

KOLARICH YUGOSLAVIA / Chemical Technology. Dyeing and Chemical  
Treatment of Textiles.

H

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 75984.

Author : ~~Kolarich.~~

Inst : Not given.

Title : Finishing of Textiles With Synthetic Resins.

Orig Pub: Tekstil, 1958, 5, No. 11, 970-979.

Abstract: No abstract.

Card 1/1

87

YUGOSLAVIA/Chemical Technology. Dyeing and Chemical Treatment  
of Textile Materials.

H

Abs Jour: Ref Zhur-Khin., No 24, 1958, 83893.

Author : Kolaric, J.

Inst :

Title : The Settling of Fabrics.

Orig Pub: Tekstil, 1957, 6, No 11, 965-876.

Abstract: The sources which cause a settling of fabrics  
(thread elongation of yarn, fabric, swelling of  
fiber) are examined, as well as the methods for  
decreasing the elongation of articles in the process  
of finishing, and various types of equipment are  
suggested to be used in the forced mechanical sett-  
ling of fabrics.

Card : 1/1

PLASAJ, M.; sanitetski potpukovnik, dr.; KOLARIC, K., sanitetski kapetan, dr.

Human fascioliasis with report of a case. Voj.san.pregl. 18 no.4:  
385-386. Ap '61.

1. Armijska bolnica u Zagrebu, Interni odjel.

(DISTOMIASIS case reports)

PLASAJ, Miljenko, dr.; KOLARIC, Krsto, dr.; KRIZANIC, Lubomir, dr.; KATIC,  
Velimir, dr.; BUNAREVIC, Anka, dr.

A giant solitary kidney cyst. Lijeon. vjem. 87 no.3:311-315  
Mr : 65.

1. Iz Internog, Kirurskog i Rendgenskog odjeljenja Armijske  
bolnice i Patolosko-anatomskog instituta Medicinskog fakulteta  
u Zagrebu.

PLASAJ, Miljenko, sanit.potpukovnik, dr.; KOLARIC, Krsto, sanit.kapetan  
I klase, dr.; BUNAREVIC, Anka, dr.

Isolated idiopathic (Fiedler's) myocarditis. Vojnosanit.pregl.  
20 no.12:768-770 D'63

1. Armijska bolnica u Zagrebu, intero odeljenje, prosektura.

JANKOV, Lj., Mr.; DORDEVIC, S., dr.; BUDIMIROVIC, M., mr.; KOLARIC, M., dr.

Study of sanitary conditions of Sava and Danube near Belgrade.  
Higijena, Beogr. 7 no.1-4:546-561 1955.

1. Higijenski institut NRS, Beograd.

(WATER

pollution of Sava & Danube rivers near Belgrade (Ser))

KOLARIC, M.

JOV. SOVIC, L.; UREHAJER, D.; KOLARIC, M.; JOVICIC, M.

Familial epidemic caused by *Salmonella typhi* murium after insignificant food poisoning; the problem of determinants in silent infections.

Glasg. Hig. Inst., Beogr. 6 no.1-2:41-52 Jan-June 57.

(FOOD POISONING, compl.

*Salmonella typhi* murium infect. familial epidemic (Ser))

(SALMONELLA INFECTIONS, etiol. & pathogen.

food pois. causing *Salmonella typhi* murium infect.,

familial epidemic (Ser))



GAJIC, Slobodan; KOLARIC, Mirko

*E. coli* No. 56077 with D colonies of constant culture and biochemical characteristics. Glasn. hig. inst., Beogr. 4 no. 3-4:53-58 July-Dec 1955.

(*ESCHERICHIA COLI*,  
strain No 56077 with D colonies of constant culture  
& biochem. characteristics (Ser))

KOLARIC, V.

"Introduction Of The Accounting System For Railroads On The Basis Of Extraordinary Labor Units Called Brigades" p. 262. (Zelaznice, Vol. 9, no. 8, Aug., 1953, Beograd.)

East European Vol. 2, No. 9,  
SO: Monthly List of ~~Russian~~ Accessions, Library of Congress, September 1953, Uncl.

KOLARIC, V.

Yugoslavia (430)

Technology-Periodicals

The workers' management of railroads. p. 141.  
ZELEZNICE. (Jugoslavenske selesnice) Beograd.  
(Monthly on railroad problems issued by the  
Yugoslav Railways) Vol. 8, No. 5, May 1952

East European Accessions List. Library of Congress  
Vol. 2, No. 6, June 1953. Unclassified.

KOLARIC, V.

"Social functions of railroads and their monopolistic position in our country." (p. 117).  
ZELEZNICE. (Jugoslovenske zeleznice) Beograd. Vol. 10. no. 4, April 1954.

SO: East European Accessions List. Vol. 3, no. 8, August 1954

KOLARIC, V.

Yugoslav railroads and communal organizations. p. 208. (ZELEZNICE,  
Vol. 10, no. 6, June 1954, Beograd, Yugoslavia)

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, no. 1  
Jan. 1955, Uncl.

KOLARIC, V.

Problem of repartition of income among railroad transportation enterprises. p. 238.  
(BEOGRAD, VCL, 10, No. 7, July 1954.)

SO: Monthly Lists of East European Accessions. (HEAL, IC, Vcl. 4, No. 6, June 1955, Uncl.

KOLARIC, V.

Systems of management of railways. p. 375. (ZELEZNICE, Vol. 10, no. 10, Oct. 1954. Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, (REAL), LC, Vol. 4, No. 4, Apr 1955, Uncl.

KOLARIC, V.

KOLARIC, V. Work productivity in the exploitation of railroads from the point of the personnel employed. p. 938.

Vol. 10, no. 6, 1955

TEHNIKA

Beograd, Yugoslavia

So: Eastern European Accession Vol. 5 No.4 April 1956



KCLARIC, V.

Statistical problems of Yugoslav railroads. p. 145. ZELENICE.  
Vol. 11, No. 4, April, 1955. Belgrad.

SOURCE: East European Accessions List, (EEAL) Library of Congress,  
Vol. 4, No. 12, Dec. 1955.

KOLARIC, V.

Survey of the organization of transportation of bundles in German Railroads. p. 19

ZELEZNICE. (Železnicki institut GDJZ) Beograd

Vol. 12, no. 5, May 1956

SOURCE: East European List (EEL) Library of Congress, Vol. 6, No. 1, January 1957

KOLARIC, V.

KOLARIC, V. Contribution to the study of labor productivity in railroads. p. 1.

Vol. 12, No. 11, Nov. 1956.

ZELEZNICE

TECHNOLOGY

Beograd, Yugoslavia

So: East European Accession, Vol. 6, No. 2, February 1957

KOLARIC, V.

First Congress of Workers Councils of Yugoslavia and the workers' management of  
the Yugoslavia Railroads, p. 14.

(ZELEZNICE. Vol. 13, No. 6, June 1957, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 10, October 1957. Uncl.

KOLARIC, V.

Workers' self-management and labor productivity in Yugoslav railroads, p. 10

ZELEZNICE (Železnički institut GDJZ) Beograd, Yugoslavia.  
Vol. 15, no. 5, May 1959

Monthly List of East European Accessions EEAI LC, Vol. 8, no. 6, June 1959  
Uncla.

KOLARIC, Vojislav, dr

Economic conditions and role of railroads in today's development  
of transportation. Zeleznice Jug 20 no.2:7-16 '64.

KOLARIC-KISUR, Ing. H.

Legal rules for rural dwellings. Higijena 14 no.1:78-81 '62.  
(HOUSING) (RURAL HEALTH)

KOLARIC-KISUR, Hinko, ing.

Technical and sanitary problems in housing construction. Higijena,  
Beogr. 7 no.1-4:458-460 1955.

1. Centralni higijenski savod, Zagreb.

(HOUSING

sanitary problems in housing construction (Ser))

(SANITATION

same)



KOLARIK, Alois

Using a new technology in making containers. Drevo 17 no.12:  
361-362 D '62.

1. Reditel, Sdruzeni podniku drevarskeho prumyslu, Praha.

KOLARIK, Alois

Prerequisites of the technical and economic development of  
sawmill production. Drevo 20 no.1:3-5 Ja '65.

1. Association of Wood Industry Enterprises, Prague.

KOLARIK, F.		1ST AND 2ND SERIES		3RD AND 4TH SERIES	
93. ELECTROSTATIC SEPARATION. Kolarik, F. (Banský Obzor, 1949, vol. 3, (3), 35-38; abstr. in Oldenburger, 8 Oct. 1949, vol. 85, 772).					
<p>The author discusses the processes of Blake-Morscher, Haff, Sutton and Hatfield for the electrostatic separation of minerals. The efficiency and power requirements of tobogan, drum and band type separators are compared. Treatment of coal dust in the Lurgi electrostatic separator reduced ash from 11% to 2% and sulphur from 2.35% to 1%.</p>					
A 35.3.4 METALLURGICAL LITERATURE CLASSIFICATION					
USON SYNDICATE		USON SYNDICATE		USON SYNDICATE	
LONDON		LONDON		LONDON	

KOLARIK, I.

"Checking the effectiveness of mineral fertilizers."

p. 43 (Mezhduna Rodnyi Selskokhoziaistvennyi Zhurnal, Vol. 2, No. 2, 1958,  
Sofia, Bulgaria).

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 12, Dec. 58.

KOLAR, J.

✓ 1640. Kola as a new indicator for the  
potentiometric determination of iron  
and nickel.

2

KOLARIK, Josef, dr.

Czechoslovak Academy of Agricultural Sciences on social  
and cultural problems of villages with collective farms.  
Vestník CSAZV 9 no.2:100-109 '62.

KOLARIK, Josef, dr.

A coordination conference on class and social changes of villages in Czechoslovakia. Vestnik vyzk zemedel 10 no.1:37-39 '63.

1. Vyzkumny ustav zemedelske ekonomiky, Praha.

KOLARIK, Julius

Sharpening machine for belt saws. Slevarenstvi 11 no.4:157 Ap '63.

1. Tovarny na obrabeci stroje Kurim.



KOLARIK, Julius

Manual operation of the sliding table of the FMR woodworking milling  
cutter. Slevarenstvi 11 no.4:151 Ap '63.

1. Tovarny na obrabeci stroje, Kurim.

DUCIC, Vojislav, inz., visi strucni saradnik; KRSTAVCEVIC, Momcilo, inz, asistent;  
KOLARIK, Jene, inz., asistent

Determination of carbon dioxide in cement. Saop Inst isp  
mat Srb 11 no.20:66-70 Ag '63.

1. Institut za ispitivanje materijala SR Srbije.

JANACEK, J.; KOLARIK, J.

On the structure and properties of hydrophile polymers and their gels. Pt.1. Coll Cz Chem 29 no.2:492-499 F '64.

1. Institute of Macromolecular Chemistry, Czechoslovak Academy of Sciences, Prague.

CA

KOLARIK, J.

11-F

The effect of hydrogen ions on the assimilation of cations by plants. Jindřich Kolářík (Výzkumný ústav pro rostlinnou výrobu, Přáslav, Czech.). Sborník Českoslov. Akad. Zemědělsk. 23, 31-8 (1963).—Expts. with rye, wheat, barley, oats, and corn have shown that the development of the plants is stopped when the product of concn. and mobility of the nutrient cation is equal to the product of H-ion concn. and its mobility. H ion, having a great mobility, takes up, at certain concn. in relation to the nutrient cation, all free adsorptive valences of the colloidal proteins in the protoplasm of the roots in the plants and thus prevents resorption of the other cations. Jan Miska

KOLARIK, J.

The development of collective agriculture in Albania. In Russian. p. 225.  
(ZA SOTSIALISTICHESKUIU SELSKOKHOZIAISTVENNIU NAUKU. SERIIA B: EKONOMI-  
CHESKAIA. FOR SOCIALIST AGRICULTURAL SCIENCE. SERIES B: ECONOMICS, Vol. 6,  
No. 2, 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

KOLARIK, J.

Items of interest from the mechanization of agriculture in Albania. p. 206  
(Mechanisace Zemedelstvi, Vol. 7, No. 9, May 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

CZECHOSLOVAKIA / Cultivated Plants. Fruits, Berries.

M-7

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 58784

Author : Kolarik, J.

Inst : Not given

Title : The Nourishment of the Vine

Orig Pub : Vinarstvi, 1957, 50, No 12, 180-183

Abstract : No abstract given

Card 1/1

KOLARIK, Josef, dr.

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Meeting of the Advisory Board for Social and Cultural  
Problems in Agriculture. Vest ust zemedel 12 no.1:  
33-34 '65.

1. Research Institute of Agricultural Economy, Prague.

KOLARIK, Josef, dr.

From the joint meeting of the Advisory Board for Social and Cultural Problems of the Research Institute of Agricultural Economics and the Section on Rural Sociology. Vent ust zamedel 12 no.3:123-124 '65.

One hundred forty years since the invention of the turnplow. Ibid.:143-144 '65.

1. Research Institute of Agricultural Economics, Prague.



CZECHOSLOVAKIA

DUBANSKY, Z.; VYHNANKOVA, M.; KOLARIK, J.: Neurological Clinic, Medical Faculty, Palacky University (Neurologicka Klinika Lek. Fak. PU), Olomouc.

"Different Reactions of Some Patients with Varying Locations of Brain Lesions to Psilocybine."

Prague, Ceskoslovenska Neurologie, Vol 30, No 1, Jan 67, p 29

Abstract: Experiments with 106 patients suffering from organic lesions of the brain are discussed. The effect of psilocybin on healthy individuals is different from the effect on some of the patients with brain lesions. Where the occipital lobe and the neighboring regions with the central sections of the optical nervous system are affected, the optical hallucinogenic effect of psilocybin is non-existent. Use of hallucinogenic compounds for the location of brain lesions is discussed. No references.

1/1

JANACEK, J.; KOLARIK, J.

Structure and properties of hydrophilic polymers and their gels.  
Pt.3. Coll Cz Chem 30 no.5:1597-1603 My '65.

1. Institute of Macromolecular Chemistry of the Czechoslovak  
Academy of Sciences, Prague. Submitted June 17, 1964.

VECEREK, Bretislav; KOLARIK, Ladislav

Automation in analytic chemistry. Pt. 5. Chem listy 58 no.8:  
950-956 Ag '64.

1. Institute of Medical and Forensic Chemistry, Faculty of  
General Medicine, Charles University, Prague.

CZECHOSLOVAKIA

KOLARIK, M.; SEVSIK, M.; DUBANSKY, B.; VYHNANKOVA, M.; Laboratory of HNA, Olomouc. [Original version not given].

"Comparison of EEG Desynchronization and the Optical Hallucinogenic Affect of Psilocybin in Organic Brain Lesions."

Prague, Activitas Nervosa Superior, Vol 8, No 4, Nov 66, p 350

Abstract: Correlation of the psychomimetic, visual, hallucinogenic, and EEG desynchronizing effect of psilocybin with the location of the brain lesion was investigated in 51 patients with organic brain damage of various etiology and location. Desynchronization was observed in 100% of patients with parietal lesions, in 90% with frontal, 75% with temporal, and 33.3% with occipital. Patients with occipital lesions showed a suppression of the EEG blocking response in 66.6%, and a response -suppression to photostimulation in 44.5% following Ps administration. 4 Western, 1 Czech reference. Submitted at the 8th Annual Psychopharmacological Meeting at Jesenik, 18 - 22 Jan 66. Article is in English.

1/1

S/272/63/000/002/001/009  
E194/E155

AUTHOR: Kolařík, Václav

TITLE: New types of electronic measuring instruments made by Tesla

PERIODICAL: Referativnyy zhurnal, otдел'nyy vypusk, Metrologiya i izmeritel'naya tekhnika, no.2, 1963, 5, abstract 2.32.29. (Kovoexport, (Czechoslovakia), v.8, no.2, 1962, 18-22)

TEXT: New products in 1962 of the nationalized undertaking Tesla in Czechoslovakia are described. 1) A universal voltmeter type BM -388 (VM-388) with very low zero-drift has eight d.c. sub-ranges for measuring from 10 mV to 1000 V with an error of  $\pm 3\%$ ; seven a.c. sub-ranges for measuring between 25 mV and 300 V at frequencies up to 1200 Mc/s with an error of  $\pm 3\%$ ,  $\pm 10$  mV; seven sub-ranges for measuring resistance between 1 ohm and 1000 megohms with an error of  $\pm 3\%$ ; and five sub-ranges for measuring impulse voltages between 0.1 and 100 V. The input impedance of the instrument is 111 megohms. 2) A multi-range small-sized transistor voltmeter type BM 373 (VM 373) for

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New types of electronic measuring ... S/272/63/000/002/001/009  
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measuring voltages of 0.3 to 1200 V d.c., 1.2 to 300 V at frequencies between 50 and 2000 c/s, and 1.2 to 30 V at frequencies from 1 kc/s to 100 Mc/s. The range of resistance measurement is 10 ohms to 20 megohms. 3) T.V. signal generator type 8M 423 (VM 423) for tuning television sets for monochrome and color. The frequency range of the picture carrier is 4 - 12 Mc/s and 25 - 240 Mc/s. The error of frequency setting is  $\pm 1\%$ . The output voltage of the picture carrier is 50 mV  $\pm 2$  db and that of the sound carrier 25 mV  $\pm 3$  db. The output impedance is 70 ohms. The weight of the instrument is 11 kg. 4) A swept frequency generator type 8M 419 (VM 419). This has a frequency band of 5 - 230 Mc/s in a single range; the beat frequency deviation is  $\pm 5$  and  $\pm 15$  Mc/s; the sweep frequency is 50 c/s; the output voltage 0 - 50 mV; the amplitude fluctuation of the swept signal is less than 1% at a deviation of  $\pm 1$  Mc/s and the output voltage varies within 2 db over the whole range. 5) The Q-meter type 8M 409 (VM 409) for measuring the Q-factor of coils in the range 10 - 1200 at frequencies of 16 - 300 Mc/s. The error of measurement at frequencies of 16 - 200 Mc/s is  $\pm 5\%$  and at

Card 2/3.

New types of electronic measuring... S/272/63/000/002/001/009  
E194/E155

frequencies 200 - 300 Mc/s,  $\pm 7\%$ . The instrument can measure  $\tan \delta$  within the range  $5 \times 10^{-1}$  to  $1 \times 10^{-4}$  with an error of  $\pm 10\%$ ,  $\pm 1.5 \times 10^{-5}$  at frequencies less than 100 Mc/s or  $\pm 1.5 \times 10^{-4}$  at greater frequencies. The range of measurement of dielectric constant is 1 - 40. The instrument can also be used to measure inductances, small capacitances, the coefficient of mutual induction, resonance impedance and natural frequency of oscillatory circuits, frequency characteristics of impedances, wave impedance and damping of asymmetrical lines.  
8 figures.

[Abstractor's note: Complete translation.]

Card 3/3

MACHA, Jiri, inz.; KOLARIK, Vlastimil, inz.

Use of automatic computers in electric power control. Tech praca  
16 no.8:573-578 Ag '64.

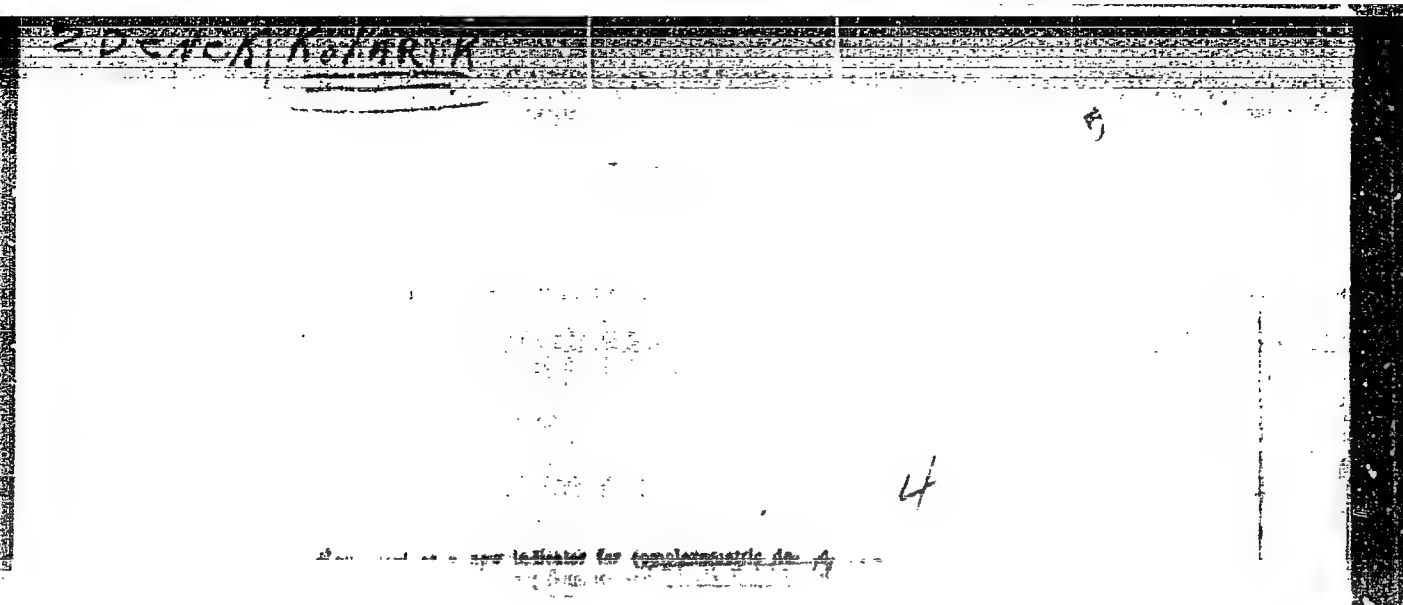
1. Czechoslovak State Power Dispatching Center, Prague.



KOLARIK, Zdenek; KRTIL, Josef

Sorption of radioactive isotopes on precipitates. Pts.13-14.  
Jaderna energie 10 no.11:407,408 N '64.

1. Institute of Nuclear Research of the Czechoslovak Academy  
of Sciences, Rez near Prague.



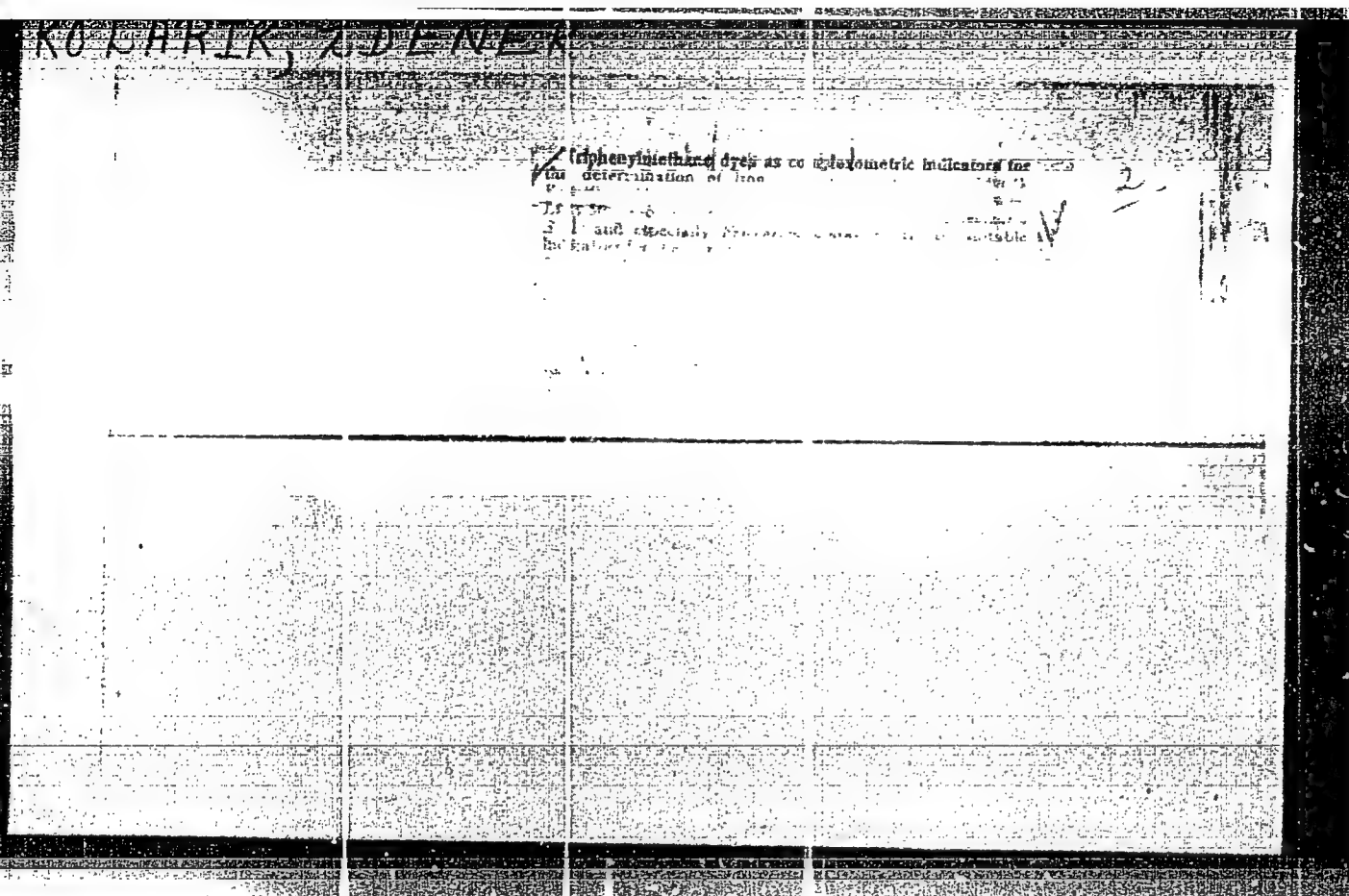
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CIA-RDP86-00513R000723720006-4"

KOLARIK, ZDENEK			
	<p>1. <u>Acetic acid as a color indicator for complexometry</u></p>		<p>1</p>
	<p>2. <u>Acetic acid as a color indicator for complexometry</u></p>		<p>1</p>
	<p>3. <u>Acetic acid as a color indicator for complexometry</u></p>		<p>1</p>
	<p>4. <u>Acetic acid as a color indicator for complexometry</u></p>		<p>1</p>
	<p>5. <u>Acetic acid as a color indicator for complexometry</u></p>		<p>1</p>
	<p>6. <u>Acetic acid as a color indicator for complexometry</u></p>		<p>1</p>
	<p>7. <u>Acetic acid as a color indicator for complexometry</u></p>		<p>1</p>
	<p>8. <u>Acetic acid as a color indicator for complexometry</u></p>		<p>1</p>
	<p>9. <u>Acetic acid as a color indicator for complexometry</u></p>		<p>1</p>
	<p>10. <u>Acetic acid as a color indicator for complexometry</u></p>		<p>1</p>
	<p>11. <u>Acetic acid as a color indicator for complexometry</u></p>		<p>1</p>
	<p>12. <u>Acetic acid as a color indicator for complexometry</u></p>		<p>1</p>
	<p>13. <u>Acetic acid as a color indicator for complexometry</u></p>		<p>1</p>
	<p>14. <u>Acetic acid as a color indicator for complexometry</u></p>		<p>1</p>
	<p>15. <u>Acetic acid as a color indicator for complexometry</u></p>		<p>1</p>
	<p>16. <u>Acetic acid as a color indicator for complexometry</u></p>		<p>1</p>



CZECHOSLOVAKIA / Inorganic Chemistry. Complex Compounds.

C

Abs Jour : Ref Zhur - Khim., No 17, 1958, No 57009

Author : Oknao, A.; Kolarik, Z.

Inst : Not given

Title : Potentiometric Study of Complex Salts of Kojic Acid in Aqueous Solutions.

Orig Pub : Chem. listy, 1957, 51, No. II, 2017-2022.

Abstract : Gradual constants K of a complex formation were determined by the Schwarzenbach method (Schwarzenbach, G., Helv. chim. acta, 1950, 33, 947) with the aid of potentiometric curves of neutralization of aqueous solutions of kojic acid (I) by the KOH solution, in the presence of various quantities of  $\text{Fe}^{3+}$ ,  $\text{Al}^{3+}$ ,  $\text{Cu}^{2+}$ ,  $\text{Ni}^{2+}$ ,  $\text{Zn}^{2+}$ ,  $\text{Cd}^{2+}$ ,  $\text{Mg}^{2+}$  and  $\text{Ca}^{2+}$ . The values of KI with  $\text{Fe}^{3+}$  and  $\text{Al}^{3+}$  were determined at the molar ratio  $\text{Fe(Al)} : \text{I} = 1:1$ ;  $1:2$ ;  $1:3$ , and for other

Card 1/2

CZECHOSLOVAKIA/Inorganic Chemistry. Complex Compounds.

Abs Jour: Ref Zhur-Khim., No 24, 1958, 80968.

Author : Orac A., Kolarik Z.

Inst :

Title : Potentiometrical Investigation of Zinc Citrate Complexes.

Orig Pub: Chem. listy, 1957, 51, No 12, 2247-2253.

Abstract: Properties of the citric acid ( $\text{H}_3\text{Cit}$ )- $\text{Zn}^{2+}$  complexes were investigated employing potentiometric method (Schwarzenbach G., Helv. chim. acta, 1950, 33, 947). Titration was carried out with 0.1 M KOH solution. Titrated solutions contained KCl in concentrations of 0.1M, while the concentration of  $\text{H}_3\text{Cit}$  was  $10^{-3}$  M, and that of  $\text{Zn}^{2+}$  ranged from  $10^{-2}$

Card : 1/3

COUNTRY	: Czechoslovakia	B-12
CATEGORY	:	
ABS. JOUR.	: RZKhim., No. 22 1959, No.	77901
AUTHOR	: Okac, A. and Kolarik, Z.	
INST.	: Not given	
TITLE	: Potentiometric Investigation of the Citrate Complexes of Zinc	
ORIG. PUB.	: Collection Czechoslov Chem Commun, 24, No 1, 1-8, (1959)	
ABSTRACT	: See RZhKhim, 1958, no 24, 80968.	

CARD: 1/1

KOLARIK, Z.; OKAC, A.

"Potentiometric study of complex salts of kojic acid in aqueous solution."  
In German. p. 266.

COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS, Praha, Czech.,  
Vol. 24, No. 1, Jan. 1959.

Monthly List of East European Accessions (EEAI), L3, Vol. 8, No. 6, Sept. 59  
Unclassified



KOLARIK, Z.

Rapid preparation of chromium phosphate colloidal suspension  
labeled with phosphorus 32. Neoplasma, Bratisl. 7 no.1:61-67 '60.

1. Institut für Kernforschung, Tschechoslowakische Akademie der  
Wissenschaften, Prag, CSR.

(PHOSPHATES)

(CHROMIUM)

KOLARIK, Z.

14  
3  
Sorption of radioactive isotopes on precipitates. II. Sorption of strontium and yttrium on iron and aluminum hydroxides. Z. Kolarik and V. Kouřim (Ústav pro jaderný výzkum, Čl. Akad. věd, Prague). Collection Czech. Chem. Commun. 25, 1000-7(1960)(in German); cf. CA 53, 11939a. —By radiometric measurements sorption of  $Sr^{90}$  and  $Y^{90}$  on  $Fe(OH)_3$  and  $Al(OH)_3$  was found to depend on pH,  $NH_4^+$  concn., temp., and manner of mixing the components during the pptn. More than 90% Sr is adsorbed on  $Fe(OH)_3$  at pH 9.8 when more than 30 g. atoms Fe is used per 1 g. atom Sr. At pH 7.1-9.8 the adsorption of Sr drops with increasing pH, whereas that of Y is independent and almost complete. The sorption of Sr is caused by the exchange of Sr ions for H ions on the  $Fe(OH)_3$ .  $Al(OH)_3$  holds the Sr ions more weakly than does  $Fe(OH)_3$ . Elution of Y from the ppt. of both hydroxides with  $H_2O$  or  $NH_4^+$  solns. is negligible, whereas Sr is eluted markedly by  $NH_4^+$  salt solns. The sorption of Y is independent and that of Sr dependent on temp. The sorption of Sr is greatest when both hydroxides are pptd. simultaneously from a Sr-contg. soln.  
M. Hudlíček—

Distr: 4824(n)

III.  
Copolymerization of strontium and uranium with the poly-  
urate precipitates. (L. J. Kohn, V. Kohn, (U.S. Pat.  
2,881,041, 1960). Collection: Chemical  
Chem. Commun., 25, 24 (1960) (in German); cf. (A. E.  
188104).--The copolymer of variable amts. of Sr with the poly-  
urates was investigated radiochemically in dependence on  
the concn. of the  $H^+$ ,  $Br^-$ ,  $NH_4^+$ ,  $Na^+$ , and  $K^+$  ions. The  
copolymer of traces of V was studied in dependence on the  $H^+$   
concn. The Sr is copolymerized with the polyurate ppt. in the  
form of Sr polyurates; their compn. depends on the condi-  
tions in the soln., and the ratio Sr:U in the ppt. approaches  
the max. value 0.5 at high pH values. E. E. Kohn

6  
Msc(5-1)

KOLARIK, Z.; KONECHY, C.

Reaction of ruthenium with dithiooxamide. Coll Cs Chem 25 no.7:  
1775-1779 J1 '60. (REAI 10:9)

1. Institut für Kernforschung, Tschechoslowakische Akademie der  
Wissenschaften, Prag.

(Ruthenium) (Dithiooxamide)

KOLARIK, Z.; KOURIM, V.

Sorption of radioisotopes by precipitates. III. Coprecipitation of strontium and yttrium with polyuranate precipitates. Coll Cs Chem 25 no.9:2440-2448 S '60. (EEAI 10:9)

1. Institut für Kernforschung, Tschechoslowakische Akademie der Wissenschaften, Prag.

(Sorption) (Radioisotopes) (Strontium) (Yttrium)  
(Precipitation(Chemistry)) (Uranates)

KOLARIK, Z.; KOURIM, V.

Sorption of radioactive isotopes in precipitates. Part 4: Sorption of yttrium in iron (III) hydroxide. Coll Cs Chem 26 no.4:1082-1091 Ap '61.

1. Institut für Kernforschung, Tschechoslowakische Akademie der Wissenschaften, Rez bei Prag.

(Radioisotopes) (Yttrium) (Iron hydroxides)

NAVRATIL, O.; KOLARIK, Z.

Extraction of strontium and yttrium complexes with picrolonic acid by means of organic solutions. Coll Cz Chem 26 no.12:3009-3019 D '61.

1. Institut für analytische Chemie, Purkyne-Universität, Brno, and Institut für Kernforschung, Tschechoslowakische Akademie der Wissenschaften, Řez bei Prag.

KOLARIK, Z.

- [illegible]



KOLARIK, Z.

Sorption of radioactive isotopes on sediment. Part 8: Sorption of traces of yttrium and cerium on manganese (4)-hydroxide. Coll Cs Chem 27 no.5:1333-1337 My '62.

1. Institut für Kernforschung, Tschechoslowakische Akademie der Wissenschaften, Rez bei Prague.

44863

8/081/62/000/024/026/073  
B117/B186

5.1110

AUTHORS: Navrátil, O., Kolarík, Z.

TITLE: Extraction of strontium and yttrium complexes with picrolonic acid by organic solvents

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 24, 1962, 171-172, abstract 24V61 (Collect. Czechosl. Chem. Commun., v. 26, no. 12, 1961, 3009-3019 [Ger.; summary in Russ.])

TEXT: A study was made of the distribution of the indicator amounts of  $\text{Sr}^{90}$  and  $\text{Y}^{90}$  between the aqueous phase (with variable  $\text{H}^+$  - and  $\text{Na}^+$  ion content) and the picrolonic acid solution (HR) of different concentration in methyl cyclohexane, covering also the extraction of HR under these conditions. With increasing pH the distribution coefficient ( $\alpha$ ) of the HR between the organic and the aqueous phase decreases owing to the increasing degree of dissociation of the HR in the aqueous phase. The ion exchange confirmed that HR and NaR are virtually completely dissociated at pH 4.75. Both compounds pass completely into the organic phase in molecular form. As the pH of the aqueous phase and the HR concentration in the

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S/081/62/000/024/026/073  
B117/B186

Extraction of strontium...

organic phase increases, and as the  $\text{Na}^+$  concentration in the aqueous phase decreases, the transfer of  $\text{Sr}^{2+}$  and  $\text{Y}^{3+}$  into the organic phase by extraction increases. The following homogeneous and heterogeneous equilibria were studied and the corresponding equilibrium constants were determined by extraction test and pH measurements at  $\mu = 0.03$  and 25:  $\text{HR} \rightleftharpoons \text{H}^+ + \text{R}^-$  ( $\log K = -1.33$ );  $\text{HR} \rightleftharpoons \text{HR}_{\text{org}}$  (2.88);  $\text{Na}^+ + \text{R}^- \rightleftharpoons \text{NaR}_{\text{org}}$  (1.99);  $\text{Sr}^{2+} + \text{R}^- \rightleftharpoons \text{SrR}^+$  (2.35);

$\text{SrR}^+ + \text{R}^- \rightleftharpoons \text{SrR}_2$  (2.35);  $\text{SrR}_2 + \text{NaR}_{\text{org}} \rightleftharpoons \text{SrR}_2 \cdot \text{NaR}_{\text{org}}$  (4.6);  $\text{SrR}_2 + \text{HR}_{\text{org}} \rightleftharpoons$

$\text{SrR}_2 \cdot \text{HR}_{\text{org}}$  (2.8);  $\text{Y}^{3+} + \text{R}^- \rightleftharpoons \text{YR}^{2+}$  (3.95);  $\text{YR}^{2+} + \text{R}^- \rightleftharpoons \text{YR}_2^+$  (3.60);  $\text{YR}_2^+ +$

$\text{R}^- \rightleftharpoons \text{YR}_3$  (3.25);  $\text{YR}_3 + \text{HR}_{\text{org}} \rightleftharpoons \text{YR}_3 \cdot \text{HR}_{\text{org}}$  (4.5) and  $\text{YR}_3 + \text{NaR}_{\text{org}} \rightleftharpoons$

$\text{YR}_3 \cdot \text{NaR}_{\text{org}}$  (4.5). The stability constants of picrolonate complexes of

$\text{Sr}^{2+}$   $\text{Y}^{3+}$  were calculated by the modified "two-parameter method" of Dirksen - Sillen (RZhKhim, 1956, no. 1, 642). For both elements ideal extraction and reextraction conditions were obtained. [Abstracter's note: Complete trans-  
action.]

Card 2/2

CZECHOSLOVAKIA

KOLARIK, Z; DZLAUR, J.

1. Institute of Nuclear Research of the Czechoslovak Academy of Sciences, Rez by Prague; 2. Faculty of Technical and Nuclear Physics of the Czech Technical High School, Prague

Prague, Collection of Czechoslovak Chemical Communications,  
No 8, 1963, pp 1993-2003

"Sorption Radioactive Isotopes on Precipitants IX.  
Sorption of Small Zirkonium-, Ruthenium- and  
Uranium Particles Through Manganese(IV)-  
Hydroxyde. Influence of the Complex Structure  
on the Sorption Equilibrium."

KRTIL, Josef; KOURIM, Vaclav; KOLARIK, Zdenek...

Using ammonium salts of heteropolyacids for Cs137 isolation.  
Jaderna energie 9 no.10:328 0 '63.

1. Ustav jaderného výzkumu, Československá akademie věd, Řez  
u Prahy.

KOLARIK, Z.; SZLAUR, J.

Sorption of radioactive isotopes on sediments. Pt.9. Coll Cz  
Chem 28 no.8:1993-2004 Ag '63.

1. Institut für Kernforschung, Tschechoslowakische Akademie der  
Wissenschaften, Rez bei Prag; Fakultät für technische und Kern-  
physik, Tschechische technische Hochschule, Prag.

KOLARIK, Z.; SZLAUR, J.

Sorption of radioactive isotopes on sediments. Pt.10.  
Coll Cz Chem 28 no.10:2838-2841 O '63.

1. Institut für Kernforschung, Tschechoslowakische Akademie  
der Wissenschaften, Rez bei Prag.

KRTIL, Josef; KOLARIK, Zdenek; KOURIM, Vaclav

Isolation of long-lasting fission products from radioactive waste. Pt. 1. JADERNA energie 10 no.1:19-20 Ja'64.

1. Ustav jaderného výzkumu, Československá akademie věd, Rez.



KOLARIK, Zdenek; KRTIL, Josef

Sorption of radioactive isotopes on precipitates. Pt. 11.  
Jaderna energie 10 no. 2:52 F '64.

1. Ustav jaderného výzkumu, Československá akademie věd,  
Rez.

KOLARIK, Zdenek; PANKOVA, Helena

Extraction of complexes of strontium and cerium with di-(2-ethylhexy 1)-phosphoric acid by organic solvents. Jaderna energie 10 no. 3:89 Mr '64.

1. Nuclear Research Institute, Czechoslovak Academy of Sciences, Rez.

L 61537-65

ACCESSION NR: A5019185

12/0073/64/010/011/0407/0407

AUTHOR: Kolarik, Zdenek; Krtil, Josef

TITLE: Sorption of radioactive isotopes on precipitates. Part. 13. Sorption

SOURCE: Jaderna energie, v. 10, no. 11, 1964, 407

TOPIC TAGS: adsorption. phosphate. ion. iron compound

Abstract (authors' English summary): The sorption of phosphate ions on ferric hydroxide was studied as a function of their concentration and of the concentration of ferric hydroxide.

ferric hydroxide; the mechanism of the change in the sorption properties of ferric hydroxide caused by phosphate ions; and the composition of ferric phosphate. Report No 1047/64.

Card 1/2

L 6.337-65

ACCESSION NR: AP5019185

ASSOCIATION: Ústav jaderného výzkumu CSAV, Rez (Nuclear Research Institute)

ENC1: 00

ENC 2: 00

OTHER: 000

absorption, zirconium, radioisotope silica, phosphoric acid

Abstract (authors' English summary, modified): The sorption of Zr-95 on silica was studied as a function of phosphoric acid and ferric ion concentration. Phosphoric acid enhances significantly the sorption of Zr-95 in the concentration range of 0.1 to 1.0 M. The sorption of Zr-95 is also enhanced by the formation of phosphate complexes with ferric ions. The sorption of Zr-95 is also enhanced by the formation of phosphate complexes with ferric ions.

Card 1/2

L 61533-65

ACCESSION NR: AP5019189

ric ions alone; but it is strongly suppressed by them in the presence of phosphoric acid probably because of the formation of mixed phosphate complexes of iron and zirconium. Report No 1048/64.

ASSOCIATION: Ustav jaderného výzkumu CSAV, Rez (Nuclear Research Institut CSAV)

SUBMITTED: 00

ENCL: 00

SUB CODE: NP, IC

NR REF SOV: 000

OTHER: 000

JPRS

Card 2/2

SYKORA, S.; KOLARIK, Z.

Sorption of radioactive isotopes on sediments. Pt. 11. Coll  
Cz Chem 29 no. 6:1350-1360 Je '64.

1. Institute of Nuclear Research, Czechoslovak Academy of  
Sciences, Rez near Prague.

KOLARIK, Z., KRTIL, J.

Sorption of radioactive isotopes on precipitates. Pt. 12. Coll  
Cz chem 29 no.7:1604-1611 JI '64.

1. Institut für Kernforschung, Tschechoslowakische Akademie  
der Wissenschaften, Rez bei Prag.



KOLARIK, Z.; PANKOVA, H.

Extraction of strontium and cerium complexes with di-(2-ethyl-hexyl) phosphoric acid through organic solvents. Coll Cz Chem 29 no.9:2023-2029 S '64.

1. Institut für Kernforschung, Tschechoslowakische Akademie der Wissenschaften, Rez near Prague.

KOLARIK, Z.; KRTIL, J.

Absorption of radioactive isotopes in precipitations. Pts. 13, 14.  
Coll Cz Chem 30 no. 3: 724-736, 824-832 Mar '65.

1. Institut für Kernforschung, Tschechoslowakische Akademie der  
Wissenschaften, Rez near Prague. Submitted April 1 and 14, 1964.

CZECHOSLOVAKIA

KOLARIK, Z

Institute of Nuclear Research, Czechoslovak Academy of  
Sciences, Prague-Rez

Prague, Collection of Czechoslovak Chemical Communi-  
cations, No 1, January 1967, pp 311-321

"Acidic organophosphorous extractants. Part 2: Studies  
of the dissociation dimerisation and distribution of  
some diamylphosphoric acids."

OZECHOSLOVAKIA

KOLARIK, Z

Institute of Nuclear Research, Czechoslovak Academy  
of Sciences, Prague-Rez

Prague, Collection of Czechoslovak Chemical Communi-  
cations, No 1, January 1967, pp 435-436

"Acidic organophosphorus extractants. Part 3: Nitrate  
complexes of some rare earth elements."

KOLAROV, A.

A New Radio Station (In Honor of the DOSO Congress). In Radio  
Engineering, No. 1:7 Jan 55